

CHIRON CORPORATION
Intellectual Property -R440
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Emeryville, California 94662-8097
(510) 601-3274

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Paul Luciw

Serial No.: 08/089,407

Group Art Unit: 1813

Filed: July 8, 1993

Examiner: M. Woodward

For: HIV Immunoassays Using Synthetic
Envelope Polypeptides (As Amended)

Atty Dckt No.: 0035.009

Assistant Commissioner for Patents
Washington, D.C. 20231

Transmitted herewith is an amendment in the above-identified application.
The fee has been calculated as shown below:

CLAIMS AS AMENDED						
	Claims Remaining After Amendment	Highest Number Previously Paid For	Extra	Rate		Amount
				Large Entity	Small Entity	
Number of Claims In Excess of 20	8	20	0	\$ 22.00	\$ 11.00	0
Independent Claims In Excess of 3	4	3	1	80.00	40.00	80.00
First Presentation of Multiple Dependent Claims				260.00	130.00	
Extension Fee: a) One Month				110.00	55.00	
b) Two Months				390.00	195.00	
c) Three Months				930.00	465.00	
d) Four Months				1,470.00	735.00	
TOTAL FEE DUE:						80.00

<input type="checkbox"/>
<input type="checkbox"/>
<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>

No additional fee is required.

A check in the amount of \$ is attached.

Charge \$80.00 to Deposit Account No. 03-1664. A duplicate of this sheet is enclosed.

Charge any additional fees or credit any overpayment to Deposit Account No. 03-1664. A duplicate of this sheet is enclosed.

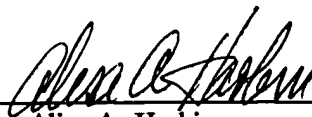
A verified statement under 37 C.F.R. §§ 1.9 and 1.27

<input type="checkbox"/>
<input type="checkbox"/>

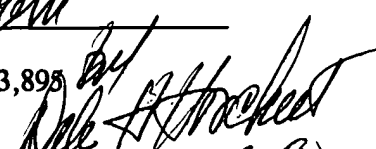
is attached

is of record in this application.

Respectfully Submitted,

By: 
Alisa A. Harbin
Registration No. 33,895

Date: March 19, 1997


Dale H. Hackett
Reg # 19090

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)	
)	
PAUL A. LUCIW, ET AL.)	Group Art Unit: 1813
)	
Serial No. 08/089,407)	Examiner: M. Woodward
)	
Filed: July 8, 1993)	Attorney Docket No. 0035.009

For: HIV IMMUNOASSAYS USING SYNTHETIC
ENVELOPE POLYPEPTIDES (AS AMENDED)

AMENDMENT

Honorable Assistant Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

Further to the Request under 37 C.F.R. §1.129 filed January 17, 1997, please
reconsider the application based on the following amendments and remarks.

IN THE CLAIMS

Please amend claims 60, 61 and 66 as set forth below:

60. (Thrice Amended) In an immunoassay to detect the presence of antibodies
to a human immunodeficiency virus (HIV) in a human sample comprising contacting said
sample with an envelope (*env*) antigen comprising an immunogenic amino acid sequence
from the *env* domain of said HIV and determining whether antibodies are bound to said
env antigen, the improvement comprising employing as said *env* antigen a synthetic
polypeptide [wherein said synthetic polypeptide is prepared by chemical synthesis].